

Effect of Electrons with Energies Ranging from
50 to 1200 ev on AgBr Grains of Nuclear Emul-
sions, by I. M. Kuks.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinetat,
Vol 14, No 1, 1969, pp 19-30.
NLL Ref:5828.4F (M.13394)

Sci-Phys
Feb 70

401,585

Effect of the Method of Chemical Ripening on
Photoluminescence of Photographic Emulsions,
by A. A. Sadykova, P. V. Meiklyar.

RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 14, No 1, 1969, pp 30-34.

MLL Ref:5828.4F (M.13396)

Sci-Phys

Feb 70

401,595

Formation of the Latent Electrophotographic
Image in Anthracene During Photostimulated
Injection, by V. M. Fridkin,
RUSSIAN, per, Zh Nauch i Prikl Fot i Kinemat,
Vol 14, No 1, 1969, pp 35-39.
NLL Ref:5828.4F (N.13427)

Sci-Meth & Equip
Feb 70

401,569

Comparison of Luminescence Properties of
Silver Halide Crystallophosphors and Photo-
graphic Emulsions, by V. M. Belous.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, No 1,
1969, pp 39-41.
NTC-70-12817-14E

Feb 72

Photothermoplastic Recording of Information,
by N. G. Nakhodkin, N. G. Kuvshinskiy. 13 p.
RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy
Fotografii i Kinetografii, Vol 14, No 1, 1968,
pp 41-48.
AIR/FTD-IFT-23-612-69

sci/elect
may 70

406,889

Electrostatic Recording of Signals on Paper
without Dielectric and Conductive Coatings,
by Ye. G. Melikyan, M. S. Avakyan.

RUSSIAN, Per, Zhurnal Nauch i Prikl Fotogr i
Kinemat, Vol 14, No 1, 1969, pp 49-51.

MC-69-16477-14E

Sci-Meth & Equip

Feb 70

402,869

Change in the Nature of Impurity Spectral
Light Sensitivity in the Process of Chemical
Ripening, by A. B. Pyatnitskaya.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, No 1,
1969, pp 54-56.
NTC-70-12818-14E

Feb 72

Substitution of Non-silver Materials for
Silver Halides in Photographic Systems, by
V. I. Sheberstov, K. V. Chibisov.
RUSSIAN, per, Zh Nauch i Prikl Fotogr i
Kinemat, Vol 14, No 1, 1969, pp 61-70.
NRC-69-15716-14E

Sci-Meth & Equip
Vol. 70

102.870

Bases of Mirror Scanning Theory, by A. S. Dubovik.
15 pp.

RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy
Fotografii i Kinetografii, Vol 14, No 2, 1969,

pp 115-123.

AIR/PTD-RT-23-654-69

sci/physics

May 70

Investigation of Some Aryl Phosphines as
Activators of Spectral Sensitization, by
M. A. Akhmedzyanov.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, No 2,
1969, pp 148-149.

NTC-70-12816-14E

Feb 72

Effect of Antifoggants on the Rapid
Development Process, by Yu. E. Usanov.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, No 2,
1969, pp 149-152.
NTC-70-12815-14E

Feb 72

Investigation of Separating Ability of Aerial
Films on Colored and Spectrogonal Materials,
by V. M. Bakhvalov.

RUSSIAN, per, Zh Nauchnoy i Prikl Fotogr i Kine-
matografiy, Vol 14, No 3, 1969, pp 168-173.

AIR/FTD/MT-24-429-69

Sci-Math & Equip
June 70

70-13319-07C

Usacheva, N. P.; Oranskii, Yu. G.; Sedova, G. A.
INVESTIGATION OF THE AUTOXIDATION OF PYROGALL-
OL IN AQUEOUS ALKALINE SOLUTIONS BY THE
ELECTRON PARAMAGNETIC RESONANCE METHOD.
Zhurnal Mekhnoi i Prikladnoi Fotografii i Kineratografii,
v. 14, n. 3, p. 201-203, 1969.

Order from NTC as 70-13319-07C: HC \$ 6.70, MF \$ 5.80.

High-Resolving Photographic Materials, by
I. R. Protas.

RUSSIAN, per, Zh Nauch i Prikl Fotogr i Kine-
matografiy, Vol 14, No 3, 1969, pp 209-211.

AIR/FTD/MT-24-429-69

Sci-Math & Equip

June 70

Measurement of Frequency-Contrast Characteristics
of Photographic Materials,

RUSSIAN, per, Zh Nauchnoy i Prikl Fotogr i Kine-
matografiy, Vol 14, No 3, 1969, pp 214-223.

AIR/FTD/MT-24-429-69

Sci-Math & Equip

June 70

PREPARATION OF A MASKED COLOR NEGATIVE BY SEQ
UENTIAL TREATMENT OF A THREE-LAYER

CHEBOTAREVA, N. LANGUAGE-RU COUNTRY-UR

ZH. NAUCH. PRIKL. FOTOGR. KINEMATOG., 1969,
14 (4), PP. 241-5

FSTC-HF-23-1199-73

Shadow Images of Bodies Obtained at Hypersonic
Speeds by Means of a Single-Pulse Laser, by
A. N. Berezkin, Yu. A. Dunayev. 4 pp.
RUSSIAN, per, Zhurnal Nauchnoy i Prikladnoy
Fotografii i Kineematografii, Vol 14, No 4, 1969,
pp 249-281.

ALR/FTD-HT-23-274-70

Minsky 279 Acc. to 77 D Check

sci/
nov 70

70-13320-14E

Itkovich, L. N.; Melikyan, P. V.

EFFECT OF THE CHEMICAL RIPENING AND THE
CONCENTRATION OF DYE ON THE SENSITIZED
LUMINESCENCE OF EMULSION LAYERS. Zhurnal
Nauchnoi i Prikladnoi Fotografii i Kinematografii, v. 14,
n. 4, pp. 286-289, 1969.

Order from NTC as 70-13320-14E: HC \$ 6.70, MF \$ 5.80.

Dependence of the Microphotometric Graininess
(Granularity) Upon the Microphotometer Lens Aperture,
by I. I. Breido.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 5, 1969, pp 327-332.
NTC-71-10208-14E

Nov 71

Effect of Reaction Products on the Activation Energy
of the Development Process of Strongly Exposed Photo-
graphic Emulsion, by M. E. Arkhangelskii.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 5, 1969, pp 368-373.

NTC-71-12041-14E

Nov 71

Stability of F-Center Aggregates in Silver
Bromide, by M. I. Molotskii and A. N. Latyshev.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinetografii, Vol 14, 1969,
pp 380-382.
NTC 71-13693-14E

Feb 72

Some Problems of Photosynthesizing Copolymers
of Reticulate Structure with the Formation of
Image Reliefs, by N. K. Frunze.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, No 5,
1969, pp 387-389.

NTC 71-14101-14E

Feb 72

Leningrad Institute of Motion Picture Engineers, by
S. Z. Mandel.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 5, 1969, pp 390-391.
NTC-71-10203-14E

Nov 71

Resolving Power and Information Capacity of Photo-
graphic Images, by G. V. Pankova.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 6, 1969, pp 407-413.

NYC-71-10201-14E

DIAL N 46-77

Nov 71

Mechanism of Hardening of Polymers With Azides by
Exposure to Light, by L. S. Efros.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii,
i Kinematografii, Vol 14, No 6, 1969, pp 428-431.
NTC-71-10205-14E

Nov 71

Investigation of Changes in Photographic Properties
of Gelatin After Removing its Surface-Active Impurities,
by V. A. Bekunov.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 6, 1969, pp 431-434.

NTC-71-12044-14E

Nov 71

Semi-Empirical Calculation of Ag₃ Dissociation Energy,
by M. I. Molotskii.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii, Vol. 14, No. 6, 1969, pp 432-439.
HTC-71-10210-14E

Nov 71

Method of Photographic Diffusimetry and its Application
for Evaluating Photographic Film Sharpness, by

G. G. Gribakin.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Foto-
grafii i Kinematografii, Vol 14, No 6, 1969, pp 440-
442.

NTC-71-10202-14E

Nov 71

Automation of Measurements of Modulation Transfer
Functions of Photographic Materials, Part I., by
D. V. Vendrovskii.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii, Vol 14, No 6, 1969, pp 442-445.

NTC-71-10499-14E

Nov 71

Insensitivity Equation for Reciprocity Law
Failure at High Illuminances, by I. E. Abramov.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, No 5,
1959, pp 449-451.
NTC-71-10569-20F

Nov 71

Determination of Modulation Transfer Functions of
Color Films, by Ya. V. Mikhailov.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 6, 1969, pp 451-454.

NTC-71-10497-14E

CIA x 7397

Nov 71

Photographic Process Based on Photolysis of Silver
Salts on the Surface of Semiconductors, by

A. D. Yavorskii-Sablin.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol. 14, No. 3, 1960, pp 458-460.

WFO-71-10709-14E

Nov 71

Dependence of the Degree of Polyethylene Glycol
Effect on the Illuminance Level When the Photographic
Emulsion is Exposed, by V. I. Sheberstov.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 14, No 6, 1969, pp 450-461.
NTC-71-10207-14E

Nov 71

ALL-Union Symposium on the Physical Nature of
Photographic Sensitivity, by V. M. Belous, et al.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 14, 1969,
pp 161-168.
NTC 71-13691-14E

Feb 72

Color Separation Test of Color Photographic Paper,
by V. M. Bakhvalov.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 15, No 1, 1970, pp 3-9.
NTC-71-10496-14E

Nov 71

A. N. Bereskin

The utilization of a monopulse laser for the photography of models during ballistic studies. 8 pp.

RUSSIAN, per, Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, Vol 15, No 1, 1970, pp 21-24.

AIR/FTD-MT-24-1694-71

sept 72

Spectral Sensitization of Photographic Emulsions
by Some Polymethine Dyes of Various Classes, by
M. K. Grechko.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii, Vol 15, No 1, 1970, pp 36-46.

NTC-71-10206-14E

Nov 71

Analysis of Variations in the Optical Density
of Photographic Materials, by V. G. Gimpelsch,
K. V. Vendrovskii.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, No 1,
1970, pp 51-56.
NTC 71-14102-14E

Feb 72

Investigation of Photoelectret State of Photo-
graphic Emulsion Grains, by V. M. Belous, et al.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, No 1,
1970, pp 61-63.
NTC 71-14100-14E

Feb 72

Structure of the Colloidal Band in the Silver
Halide Absorption Spectrum, by A. N. Latyshev.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 15, No 1, 1970, pp 68-69.
NTG-71-12045-14E

Nov 71

Automation of the Measurements of Modulation
Transfer Function of Photographic Materials, by
K. V. Vendrovskii
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, No 2, 1970,
pp 129-135
NTC 71-16573-14E

mar 72

Instrument for Investigating Photographic
Properties of Photopolymer Layers, by
N. K. Frunze, et al.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 143-145.
NTC 71-14434-14E

Feb 72

Hologram Portrait of a Girl, by D. I. Staselko.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 15, No 2, 1970, pp 147-148.
NTC-71-10495-14E

Nov 71

Importance of the Coefficient of Contrast of
Photographic Materials in Obtaining Holograms, by
Sh. D. Kakichashvili.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 15, No 2, 1970, pp 153-155.

NTC-71-10498-14E

Nov 71

A. V. Kravchenko

N. G. Morosova

Absolute spectral sensitivity of photographic materials made by gosnizhimfotoprojekt for recording short-wave ultraviolet radiation. 8 pp.

RUSSIAN, per, *Zhurnal nauchnoy i prikladnoy fotografii i kinematografii*, Vol 15, No 3, 1970, pp 161-166

ATR/FTD-NC-1845-71

july 72

Investigation of the Reciprocity Law Failure of
Photographic Emulsions Within the Vacuum Ultra-
violet Spectral Region, by A. N. Ryabsev
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 167-172
NTC 71-16582-14E

mar 72

Transversal Electrophotographic Process, by
O. M. Bondarenko.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoy
Fotografii i Kinematografii, Vol 15, No 3,
1970, pp 180-183.
NTC-71-15630-14E

Feb 72

Some Principles of Long Wavelength Semiconductor
Photography, by L. G. Paritskii.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii, Vol 15, No 3, 1970, pp 184-191.

NTC-71-12043-14E

Nov 71

Longitudinal Photoeffect in Amorphous Selenium
Layers, by G. A. Andreeva.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970, pp
208-210.

NTC 71-14429-14E

Feb 72

Increasing the Contrast in Processing Photo-
mechanical Films, by K. M. Kirillova
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 211-212
NTC 71-16705-14E

Feb 72

Effect of Configuration on the Stability of Small
Silver Atom Aggregates, by A. A. Medvinskii
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970, pp 215-217
NTC 71-16574-14E

mar 72

Effect of Oxygen on the Sensitized Luminescence
of Silver Bromide Emulsions, by L. N. Itskovich.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 217-218.
NTC 71-14103-14E

Feb 72

Investigation of Some Photographic Properties
of Uramil, by V. L. Abritalin.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, No 4,
1970, pp 241-243.

NTC-71-15627-14E

Feb 72

Developing and Hardening-Developing Properties
of 6, 7-Dihydroxycoumaranone-3 and its
2-Arylidene Derivatives, by M. F. Khaikin
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 243-246
NTC 71-16576-14E

mar 72

Investigation of the Process of Growing of
Emulsion Grains Protected by Gelatin, by
I. R. Protas

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinetografii, Vol 15, 1970

pp 272-274

NTC 71-16702-14E

Feb 72

Reversibility of the Desensitizing Effect of
Moisture on Photographic Emulsions During
Storage, by A. L. Kartuzhanskii
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 275-281
NTC 71-16704-14E

Feb 72

Autoxidation of Hydroquinone and its Hydroxy
Derivative in Aqueous-Alkaline Solutions by
Electron Paramagnetic Resonance Method, by
N. F. Usacheva.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, No 4,
1970, pp 284-287.

NTC-71-15628-07E

Feb 72

Participation of Ionic Processes in the
Redistribution of Latent Image During
Regression (Fading), by A. L. Kartuzhanski.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, No 4,
1970, pp 289-291.
NTC-71-15629-14E

Feb 72

Comparison of the Power of Photographic
Materials to Resolve Lines and Dots, by
I. I. Breido.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, No 4,
1970, pp 293-295.
NTC-71-15623-14E

Feb 72

Application of Unconventional Recording Media in
Holography, by V. N. Sintsov.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii, Vol 15, No 4, 1970, pp 298-305.

NTC-71-12042-14E

Nov 71

P.KH. Pruss

Methods for Evaluating Photographic Films for
Microfilming.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 321-328.

NTC 72-14032-14E

Nov 72

Aperture ratio of high speed raster motion-picture
cameras, by O. F. Grebennikov. 11 pp.
RUSSIAN, per, Zhurnal nauchnyy i prikladnyy fotografii
i kinematografiy, Vol 15, No 5, 1970, pp 328-334.
AIR/FTD-MT-24-1660-71

may 72

Effect of Potassium Bromide on Dispersion
Characteristics of Photographic Emulsions, by
I. R. Portas, et al.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 335-339.

NTC 71-13692-14E

Feb 72

Dependence of the Formation of Fog Upon the pH
Value at the Rapid Development of Photographic
Image, by D. A. Veidenbakh.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 341-346.

NTC 71-16700-14E

Mar 72

Induced Sensitivity in Electrophotographic
Selenium Layers to the Radiant Energy of Long
Wavelength Spectral Region, by I. Z. Flavina,
and A. L. Indkevichus.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 351-353.

NTC 71-14431-14E

Feb 72

V. V. Gavrik

The principal components of the character-
istics curves of photographic materials. 12 pp
RUSSIAN, Zhurnal nauchnoi i prikladnoi
fotografic i kinematografic, Vol 15, No 5,
Sept/Oct 1970, pp 353-359

NASA TT F 13,920

NTC 72-13240-14E

oct 72

Yu. F. Pavlov

Dependence of the Positive or Negative Effect
of an Electric Field Upon the Contrast of
Photographic Emulsion.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 360-361

NTC 72-12767-14E

sept 72

Method of Sensitometric Testing of Photo-Polymer Layers Forming Relief Images, by N. K. Frunze.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii, Vol 15, No 5, 1970, pp 361-363.

NTC-71-15626-14E

Feb 72

Yu. P. Danilov

Role of the Electric Field in the Reversal
Effect in Photography of Surface Electric
Discharges.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 365-367
NTC 72-13241-14E

sept 72

A. A. Sadykova

Stimulated Luminescence (Flash) Properties
of Emulsion Grains.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 367-369

NTC 72-13242-14E

sept 72

I. I. Breido

Microphotometric Graininess (Granularity)
of Photographic Materials Exposed to Ultraviolet
Radiant Energy.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 370-372
NIC 72-13243-14E

Sept 72

Electrophotography on Organic Polymer Layers
Exposed to the Radiant Energy Within the Ultra-
violet Spectral Region and Electron Beam Scan-
ning of the Image, by S. G. Grenishin, et al.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 372-373.
NTC 71-14430-14E

Feb 72

Mechanism of Desensitization of Emulsion
Grains With Dyes, by A. S. Kheinman.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kineematografii, Vol 15, No 5,
1970, pp 374-375.
NTC-71-15624-14E

Feb 72

V. G. Gimpelson

The measurement of the energy spectrum and the root mean square deviation of density of photographic layers. 16 pp
RUSSIAN, Zhurnal Nauch. i Prikladnoi fotografii i kinematografii, Vol 15, No 4, Sep-Oct 1970, pp 387-394
ANASA TT F 14,614

nov 72

Complex Compounds of Silver With Amines, by
M. I. Turkhin.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, No 5, 1970,
■ pp 397.
NTC-71-15625-14E

Feb 72

A. I. Sizov.

The selection of optimum exposure and its automatic adjustment during air photography, by A. I. Sizov.

8 pp.

RUSSIAN, per, Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, Vol 15, No 6, 1973, pp 401-405.

AIR/FTD-MT-24-1598-71

may 72

Effect of the Acid-Basic Buffer Capacity of
Developers on the Development of Thick-Layer
Nuclear Photographic Emulsions, by L. G. Baranova
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 406-408
NTC 7"-16701-14E

Feb 72

Experimental Study of Phase Nonuniformities of
Photographic Film, by I. Ya. Brusin
RUSSIAN, par, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 408-412
NTC 71-16706-14E

Feb 72

Quantitative Evaluation of Adhesion of
Photographic Emulsions to Polymethyl-methacrylate
Plates, by A. I. Serebrennikov
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 412-145
NTC 71-16703-14E

Feb 72

Application of Electron Paramagnetic Resonance
for Investigating Hardening Development, by
L. V. Krasnyi-Admoni
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 415-418
NTC 71-16581-14E

mar 72

Study of the Sensitization of Bisazides, by
A. G. Vavilov
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 421-424
NTC 71-16580-14E

mar 72

Some Characteristics of Electrophotographic Image
Formed in a Two-Layer (Semiconductor-Dielectric)
System, by L. G. Vinokurov.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 424-430.
NTC 71-14433-14E

Feb 72

Preparation of Concentrated Photographic
Emulsions by Their Consecutive Freezing and
Thawing, by N. I. Kirillov
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 441-443
NTC 71-16579-14E

mar 72

Yu. A. Breslav

Active Microcomponents of Photographic Gelatin.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 15, 1970,
pp 458-472
NTC 72-13245-14E

sept 72

Kinetics of Simultaneous Development and Fixing
(Monobath), by I. B. Blyemberg
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 16, 1971, pp 3-9
NTC 71-16572-14E

mar 72

Mechanism of Sensitization of Disazides, by
A. G. Vavilov
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 16, 1971,
pp 15-18
NTC 71-16578-14E

mar 72

T. N. Karnaukh

Evolution of Impurity Centers in the Processes
of Second Ripening and Accelerated Aging of
Photographic Emulsions. Part III. Effect of
Temperature in the Stage of Chemical Ripening.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 16, 1971,
pp 18-21.

NFC 72-14031-14E

Dec 72

A. B. Pyatnitskaya

Gold Sensitization Role in the Formation of
Impurity Spectral Sensitivity.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 16, 1971, pp 21-
23.

NTC 72-14028-14E

Nov 72

Barna

A new method of evaluating the edge sharpness
and transfer characteristics of photographic
materials. 1074

RUSSIAN, Zhurnal nauchnoi i prikladnoi
fotografii i kinematografii, Vol 16, No 1,
Jan/Feb 1971, pp 24-30

NASA TT F 13,922

NTC - 72 - 14737-14E

oct 72

Relationship Between Silver Atoms and
Silver Halide Surface, by
M. I. Molotskii.
RUSSIAN, per, Zhurnal Nauchnoi i
Prikladnoi Fotografii i Kinematografii,
Vol 16, No 1, 1971, pp 38-41,
NTC 72-10809-14E

May 72

Spectral Sensitization of Internal Photoeffect
in High-Resistance Semiconductors with
Polyhydroxyphenylene, by V. S. Mylnikov
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 16, No 2, 1971,
1971, pp 122-125
NTC 71-16575-14E

mar 72

Developing and Hardening-Developing Properties
of Trihydroxycoumarins, by M. S. Khaikin
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 16, 1971,
pp 134-135
NTC 71-16577-14E

mar 72

M. Ya. Shul'man

Determination of the three-dimensional
frequency spectra of photographic images.

5 pp

RUSSIAN, Zhurnal Nauchnoy i Prikladnoy
Fotografii i Kinematografii, Vol. 16,
1971, pp. 180-182. *May-June 72*

AIR/FTD-HT-23-843-72

dec 72